

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2004/012600

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08, 29 September 1995 (1995-09-29) -& JP 07 135228 A (TOYOTA MOTOR CORP), 23 May 1995 (1995-05-23) abstract	1,10
A	US 2001/005602 A1 (MIMATA ET AL.) 28 June 2001 (2001-06-28) abstract; figure 4	1,10
A	US 6 386 432 B1 (JIN ET AL.) 14 May 2002 (2002-05-14) abstract; figure 8	1,10
A	US 2003/071109 A1 (ARIKADO) 17 April 2003 (2003-04-17) abstract; figure 1	1,10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

2 November 2004

Date of mailing of the international search report

11/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN  vol. 0051, no. 67 (E-079),  24 October 1981 (1981-10-24)  -&amp; JP 56 094638 A (HITACHI LTD),  31 July 1981 (1981-07-31)  abstract</p> <p style="text-align: center;">-----</p>	1, 10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 07135228	A	23-05-1995	NONE	
US 2001005602	A1	28-06-2001	JP 2001185565 A TW 533520 B	06-07-2001 21-05-2003
US 6386432	B1	14-05-2002	KR 236487 B1 JP 11163005 A TW 393716 B US 6321971 B1	15-01-2000 18-06-1999 11-06-2000 27-11-2001
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